

Collection no. 98

K.H.L. Key

S. Eastern N.S.W.
Eastern Victoria

24-28/10/60

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24/10

13988. Braidedwood.

994. Jumbacumbene. No church, no store, apparently no cemetery.

998. Major's Creek.

002.8. Cemetery. Thinned from *terminalis* & *Pantellia agillaceus*, *Monarda scurra*, *Cryptobothrus pycnophorus*, *Penala viridis* to 50ft, with variable to 10ft. Dense *Themeda*, etc. *Helicopsis*.

Very severely & completely thinned recently. *Scurra* on narrow remaining unburnt strip along fence line at one point (28). (ca. 1.5 mi. S. of town).

003.9 turn off to Araluen.

010. Araluen. There is a C of E and a R.C. cemetery, both off the Major's Creek road, i.e. turn off from S side of creek. Did not investigate.

012 left Araluen

014 *Angophora intermedi* ^{+ *var. aff.*} *duplex* to 40ft on steep rocky slope with

Coryphistes ruficola
dense, *Themeda australis*. Red-brown
soil.

4043. *Scabra*, *gummifera*, *longifolia*,
Moraba amidi
+ a smooth-barked one with mealy
base, to 50ft, on moderate slope of pale
brown soil on shale with quartz
stones. *Macrozamia* frequent, *aphylla*
acacia to 4ft, numerous muscels
sclerophyllous shrubs, esp. *Leguminosae*
to 3ft, with ^{scattered} grass tussocks to 3ft.

049. *Moruya*. 050. Leave *Moruya*.

055 *Moruya* Head.

060 *Moruya*.

25/10.

Cenchrus.

062. *Themeda* from *umbellata* to 60ft
Caledia caprea, *Acrobasis procina*
+ wattle. Dense, non-tussocky *Themeda*
to 2ft, scattered ^{*imperata*} *homandra*, occ.
weeds around graves. No rain.

064 *Moruya* depart.

069 *Bergalia*

072. Turned off to Turoos Head.

077. Turoos Head. *E. pilularis* to 40ft,

Cryptobolus chrysophonus
Themeda to 1ft; Comandra, wattle
regrowth to 10ft.

4081 Back to highway. (no sclerophyll
shrubs anywhere along Taras Head
road). Turbinia.

082 Scabra, pilularis, gummifera to
Cirphula pycnocnemis, *Podmyra* sp., Moraba
70ft, with *Casuarina ? borulosa* to
amniculi
20ft, *Banksia* to 2ft, occ. *Macrozamia*,
glaucous
Canthorhiza, scattered Themeda,
Impatiens. Sandstone with quartz.

087 Bodalla. Canberry (C. & E.). Uccido,
cocksfoot & some Themeda. Much
altered. No morabines. Cleared from
the coastal analogue of polyanthemo

098 Leave Bodalla for ~~Polato Pt~~

106 Turned off to Dalmeny.

108 Dalmeny. No sclerophyllous shrubs
on this road.

109 Back to highway.

110 Maculata, pilularis, paniculata on
steeply sloping rise with abundant
Macrozamia & Dodonaea ^{to 70ft} _{to 6ft} occ
aphyllode wattle.

spare sclerophyllous shrubs, but
rather more numerous on cleared
verges, ^{broken to 4ft.} Ciphuella.

1414 Narooma

116 Searched: no morabunies

119 Searched: no morabunies

124 Central Tilba

126 Tilba Tilba

137 Cobargo Cemetery. Cleared from
Leptocarpus, *umbellata* & *A. intermedia*.
Tussocky *Themeda* ^{to 7ft}, with weeds, occ.
Homandra, & a thin *Leptospermum* to
3ft. Calidia.

138 Cobargo.

144 Quaama

163 Bega. Took Tathra road ^{scabra,}

172 Sieberana, *paniculata*, *gummifera*,
^{*Ciphuella pyrochrocinia* & *Zonitella* sp.}
occ. *longifolia* & *A. intermedia* on shale
slope with quartz inclusions. Brown
soil. *Dawsonia* ³ to 5ft, other small
shrubs, & a coarse grass. Much leaf
litter. Cryptobothrus.

[From ca. 6 mi. S. of Narooma to this

point, there have been no conceivable
habitats for anniculi or viatica,
because of the general absence of
sclerophyllous shrubs & the tall, dense
WSF or umbellata woodlands.]

4474 Tathra. ^{Rocky} Sandstone wind-swept
^{Corymbulacra sp. (j)} headland with *Westringia*, a small
bottlebrush, an *Olea* (?) (sp.),
Myoporum sp., ^{phyllode} *Acacia* sp. & other low
shrubs, all 1-3 ft, occ. *Casuarina*
sp. to 6 ft. *P. vittatum* (j)

175 Depart Tathra on Beja road

183 Took Candels turn-off

185 Back on highway, heading for
Woolumbula.

195 Woolumbula.

198 Searched - nothing.

199 Searched - no moraburins.

203 Merimbula

26/10. 2

210 Depart Merimbula

213 Thinned from mainly pilularis on

pale grey sand. Regrowth slashed.
Pseudura pedicularis (J.)
Above normal dw. of scattered sclerophyllous shrubs - Banksia, Casuarina, myrtaceae, eucalyptaceae, etc among many grasses & bracken - all 1-3 ft.

14214 Pambula.

217. Pambula Beach.

220. Pambula

223. *Siberiana*, *pubularis*, *scabra* &
Gonolobus sp., *Corymbia* sp. (J.), *Pseudura* sp. (J.), *Cephaelis*
gummifera to 80 ft on pale sandy soil
with fairly abundant sclerophyllous
shrubs of several species 1-3 ft,
bracken to 1 ft.

232 Eden

233 Leane Eden

240 Turned off to Bond Town.

241 Back on highway -

245 Kräb

249. Searched - nothing.

253 Turned off to Moonbourn Lake.

260 Moonbourn.

264. Open ? *consideana* & ? *scabra*

to 35ft with *Banksia* sp. to 20ft on
white sand, with typical ^{dense} heath
understorey of many scl. shrubs 2-
6ft. dominated by a *Leptospermum*.
Only acridoid seen a *Gonacra*
nymph.

4267 Return to highway

268 *harrabarba*.

282 Victorian border.

286. ?*Consideriana* ^{occ.} & *psaltria* to 50ft
with typical heath understorey to
3ft leading down to swamp with
heath but no trees. Searched very
thoroughly. No acridoids. No burning
in recent years.

292 *Genoa*.

297 Gypsy Pt. turnoff

298 Gypsy Point: return

300 back on Malacoota road. ?*Consider-*
^{*Phlyptala modesta*, *Gonacra* sp. (i)}
iana to 50ft with understorey of
typical heath, including *Leptospermum*,
Banksia & *Clan Moorhoca*. On pale

grey sand.

14307. *Gummunifera* to 20ft (scattered) +
Paratettix spathulatus
Banksia + *Melaleuca* sp. (ditto) in
swamp. with dense grassy clumps
Xanthorrhoea + scattered heath
shrubs incl. a *Polygala*. but ground
exposed yielding *Lepidoglyphis*.

309 *Mallacoota*. Return

324. *Genoa*. Proceeded towards Cam R.

335. Turn round again

336. *Suberana* + a shrubby (like *scabra*)
Pedicularis (j.)
but values slightly exserted) to 90ft on
pale coarse sandy soil. Understorey
of *Dumetia* + sclerophyllous shrubs
1-5ft, occ. ? *Albizia* to more, grass
tussocks. Gently undulating.

345 *Genoa*.

27/10.

345 Depart *Genoa*

368. *Scabra* + a more squat fringed
Rhizophora modica, *Cryptobolus*, *Chrysophomus*,
shrubby with sl. exserted values, both to
Paratettix (j.) *Paratettix agillatus*, *Tettix* sp. (j.)
80ft, with *Casuarina* sp. to 5ft + a
Pedicularis (j.)

phyllode acacia to 2ft, leading to
swamp with argentea to 25ft, *Gahnia*
geocaulon, *Xanthorrhoea*, & rushes.
Coarse pale soil.

4375. Carrum River. Took road to Tamboon

389. End of road: Tamboon inlet. Return

393. *Conzideniana* to 25ft, *Banksia* to

15ft + *Melaleuca* to 10ft, fringing
swamp heath with sclerophyllous
shrubs + *geocaulon* *Xanthorrhoea*
to 18 in., with ^{some} rushes.

403 Carrum River.

417 Club Terrace

430 Bell Bird.

432 Turned off to Benn River.

445 Benn River Hotel. On to the sea.

449. Coastal dune. Turned round.

Cynophila pyrochroa, *Podocarpus* ^{and} *Podocarpus*
Behind dune (25ft high) is affluet with
scattered *Banksia* opp. to 15ft and
regrowth of a depauperate stringy
(fire damaged) to 10ft. 1ft ground
layer of: *Themeda*, *Imperata*,

Hibbertia sp., various legumes,
bracken, *Tetratheca*. This leads
gradually to swamp heath & then
rushes.

14466 ~~Bellbird~~ Back on highway

471 Cabbage Tree

488. Osbooth

497. Maslo - Return.

506 Osbooth

522 Searched: nothing.

523 Cabbage Tree.

28/10

557 Cann River.

561 Noorinbee

564. A gum with a little rough bark

Para. *O. Menziesii*, *Tetratheca* sp.
at base (spec. 3 & 4 from *T. scabra*) +
Eucalyptus goniodora x *F. Muelleriana* (Miq.?)

? oblique, all to 70 ft on ~~grey~~ coarse
soil lining small stream. *Imperata*,
bracken, occ. *Themeda*. *Rhizophora* (f.)

585 N. SW border

592 Sinter savannah woodlands.

598 ? Rockton. An abandoned sawmill

very small, presumably no cemetery.

4602 Turn-off to Mula (Platts not identifiable)

606 Turn-off to Craigie (Maharatta not identifiable)

613 Bombala.

623 Cathcart. Cemetery 1 mi. N. of town. ~~Scattered~~ Themeda, a very little Helichrysum, some weeds. Most of it recently burnt, & Themeda absent from much of it: apparently subjected to grazing at some time. No scum.

632 Bibben lake

So far as morabunies are concerned, the principal results of this trip are: M. annuuli was not found further south than 4 mi. N. of Bodalla, although some apparently favourable habitats occurred as far south as Narooma and again in

Gippsland. Most roads running from the highway to points on the coast were investigated, but in general these did not afford more favourable habitats than the highway itself & there was no indication of coastal dune heaths. M. uaticia had not appeared by Orbost, in spite of numerous apparently favourable habitats in East Gippsland.